

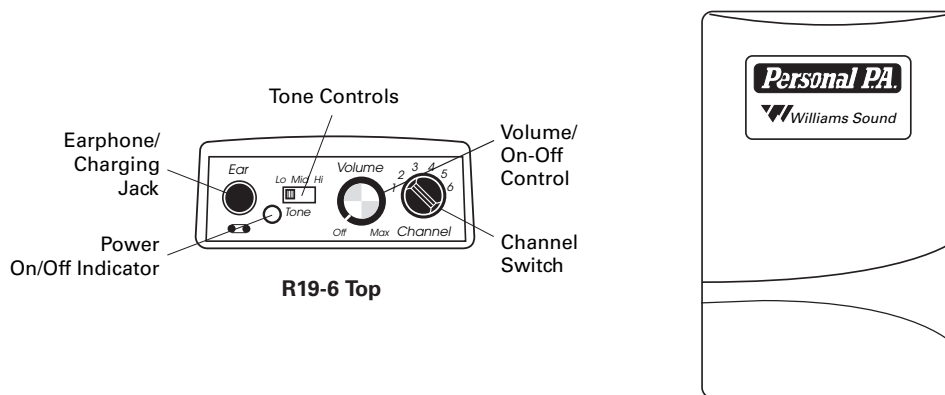
Personal PA™ FM Receiver, Model PPA R19-6

Description:

The PPA R19-6 is a narrow-band, six channel receiver that operates on the 72-76 MHz bandwidth. The R19-6 will operate up to 100 continuous hours on 2 AA alkaline batteries. It features a combined On/Off/Volume control, earphone/charging jack, power on/off indicator and a selectable tone control switch for low, mid and high tones. The PPA R19-6 will operate up to 1000 feet coverage when used with a T35 transmitter, and can be used with a variety of earphone, headphone or neckloops options.

Specifications:

Model PPA R19-6:	6-Channel, pre-tuned, selectable CH 13 (72.1 MHz), CH 23 (72.5 MHz), CH 33 (72.9 MHz), CH 53 (75.7 MHz) CH 38 (74.7 MHz), CH 43 (75.3 MHz)
Dimensions:	3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm x 60.3 mm x 22.2 mm)
Weight:	3.2 oz (90 g) with battery
Color:	Neptune Blue
Battery Type:	(2) BAT 001 AA Alkaline or (2) BAT 026 NIMH
Battery Drain:	20 mA, nominal
Battery Life:	90-100 hrs with 2 AA Alkaline, 45-50 hrs/charge with BAT 026
Operating Freq:	Crystal controlled. See factory for frequency changing instructions.
Intermediate Freqs:	10.7 MHz, 455 kHz
FCC ID:	CNMR19
Earphone:	Earbud-type with foam cushion, 3.5 mm plug, 32 Ω
Output Connector:	3.5 mm mini phone jack
FM Deviation:	Narrow-band, 5 kHz
De-Emphasis:	300 μS
Sensitivity:	0.7 μV at 12 dB Sinad
Squelch Level:	4 μV for minimum 40 dB S/N ratio
Frequency Response:	100-5 kHz, ± 3 dB (Tone: Lo)
Receiver Antenna:	Integral with earphone cord
Signal-to-Noise Ratio:	50 dB
Audio Output:	35 mW, max. at 16 Ω (Tone: Lo; 3 VDC Bat.)
Acoustic Output:	125 dB Max SSPL90 with EAR 013
CONTROLS	
Tone:	Switched Low-Cut. Lo: 20 Hz / Mid: 120 Hz / Hi: 700 Hz
Volume & On/Off:	Combination, integral
Channel Selector:	6-position, rotary switch
Warranty:	5 years, parts and labor (90 days on accessories)



**R19-6
Front View**

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The receiver shall be encased in a blue, polypropylene impact-resistant plastic with a single hinged door for battery installation. The receiver shall be a body-pack type and include an optional belt-clip case for hands-free operation. The receiver shall have a 3.5 mm mono phone jack and accommodate low-impedance mono earphones, headphones and neckloops telecoil couplers. The receiver shall have a combination volume control and power on/off rotator dial, and a green LED power "on" indicator. The receiver shall be crystal controlled to reduce frequency drifting. The receiver shall have six channels pre-tuned from 72-76 MHz and adjustable by a channel rotary dial. The receiver shall have an adjustable 3-position tone control switch to select Low (20 Hz), Mid (120 Hz), or Hi (700 Hz) operation. The receiver shall operate up to approx. 100 hours when using 1.5 V AA Alkaline batteries, and shall operate up to approx. 50 hours when using 1.5 V NiMH rechargeable AA batteries.

The receiver shall receive FM signals in the 72-76 MHz audio assistance band with 300 μ S de-emphasis. The receiver shall provide a maximum output of 35 mW at 16 Ohms with an earbud-type earphone. The system's electrical frequency response shall be 100 Hz to 5 kHz, \pm 3 dB and the signal-to-noise ratio shall be 50 dB at 10 μ V. The receiver shall have a sensitivity of 0.7 μ V at 12 dB Sinad.

The receiver shall be covered by a five-year parts and labor warranty, excluding earphones, headphones, batteries and chargers. The receiver model shall be the Williams Sound Corp. model PPA R19-6.

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